MITSUBISHI ELECTRIC

Mr.SLIM®
Split-ductless A/C and Heat Pumps

SUBMITTAL DATA: PCA-A30KA4 & PUZ-A30NHA4. . . . . 30,000 BTU/H CEILING-SUSPENDED HEAT-PUMP SYSTEM

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For ☐ Reference ☐ Approval ☐ Construction

Unit Designation: Schedule No.:

GENERAL FEATURES
- Ceiling-suspended indoor unit for residential and commercial applications
- Shiny white cabinet; compact design
- Standard air filter is included with indoor unit; high-efficiency filter is available as an option
- Setback down to 50°F when used with MRCH1 Central Controller
- Quiet operation—both indoor and outdoor units
- Self-check function—integrated diagnostics
- Limited warranty: five years on parts/defects, seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit
☐ Mini Condensate Pump (PAC-SH84DM, 230V)
☐ High-efficiency Filter (PAC-SH89KF)
☐ i-see Sensor with Mount (PAC-SH91MK-E)

Outdoor Unit
☐ Drain Pan (PAC-SG64DP)
☐ Drain Socket (PAC-SG61DS)
☐ Three-pole Disconnect Switch (TAZ-MS303)
☐ Wind Baffle (WB-PA2)
☐ Air Outlet Guide (PAC-SG59SG)
☐ Mounting Base (DSD-400N)
☐ Mounting Pad (ULTRILITE2)
☐ Wall-mounting Brackets (CWMB1)

Controller Options
☐ Wireless Remote Controller Kit (MHK1) with Wall-mounted Central Controller (MRCH1), Wireless Receiver (MIFH1), and cable*
☐ Wall-mounted Central Controller (MRCH1)*
☐ Wireless Receiver (MIFH1)*
☐ Portable Central Controller (MCCH1; for use with Wireless Remote Controller Kit MHK1)*
☐ Outdoor Air Sensor (MOS1; for use with Central Controller (MRCH1), Wireless Remote Controller Kit (MHK1) and Portable Central Controller (MCCH1)*

*See Submittal for information on each option.

☐ Wall-mounted Wired Remote Controller (PAR-21MAA)
☐ M-NET Adapter (PAC-SF81MA)
☐ CN51 Connector for Multiple Remote Controller Adapters/Duct Fan Controller (PAC-725AD)
☐ CN32 Connector for Remote On/Off (PAC-715AD)
☐ Remote Temperature Sensor (PAC-SE41TS)
☐ Remote Operation Adapter - Display and On/Off (PAC-SF40RM)
☐ Wireless Remote Controller Kit (PAR-SL93B)
☐ i-See Sensor and Wireless Remote Controller Kit (PAR-SA92MW)
☐ Lockdown Bracket for Handheld Controller (RCMKP1CB)
☐ Control/Service Tool (PAC-SK52ST)

Cooling*
Rated Capacity . . . . 30,000 Btu/h
Minimum Capacity . . . . 12,000 Btu/h
SEER . . . . 14.5 Btu/h/W
EER . . . . 8.0 Btu/h/W
Total Input . . . . 3,760 W

Heating at 47°F*
Rated Capacity . . . . 32,000 Btu/h
Minimum Capacity . . . . 12,000 Btu/h
HSPF (IV) . . . . 9.2 Btu/h/W
COP 2.92
Total Input . . . . 3,210 W

Heating at 17°F*
Rated Capacity . . . . 23,000 Btu/h
Total Input . . . . 2,940 W
COP 2.29

* Rating Conditions (Cooling)-Indoor: 80ºF (27ºC) DB/67ºF (19ºC) WB. Outdoor: 95ºF (35ºC) DB/75ºF (24ºC) WB.
(Heating) - Indoor: 70ºF (21ºC) DB / 60ºF (16ºC) WB. Outdoor: 47ºF (8ºC) DB / 43ºF (6ºC) WB.
(Heating at 17ºF) - Indoor: 70ºF (21ºC) DB / 60ºF (16ºC) WB. Outdoor: 17ºF (-8ºC) DB / 15ºF (-9ºC) WB.

Electrical Requirements
Power Supply . . . . 208 / 230V, 1-Phase, 60 Hz
Recommended Fuse/Breaker Size . . . . 30 A

Voltage
Indoor - Outdoor S1-S2 . . . . AC 208 / 230V
Indoor - Outdoor S2-S3 . . . . DC 24V

Indoor Unit: PCA-A30KA4

Outdoor Unit: PUZ-A30NHA4

OPERATING CONDITIONS

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95ºF (35ºC) DB, 71ºF (22ºC) WB	115ºF (46ºC) DB
	Minimum	67ºF (19ºC) DB, 57ºF (14ºC) WB	0ºF** (-18ºC) DB
Heating	Maximum	80ºF (27ºC) DB, 67ºF (19ºC) WB	70ºF (21ºC) DB, 59ºF (15ºC) WB
	Minimum	70ºF (21ºC) DB, 60ºF (16ºC) WB	12ºF (-11ºC) DB, 10ºF (-12ºC) WB

** With optional wind baffle accessory installed. If not installed, the minimum temperature will be 23°F (-5°C) DB.

Indoor Unit
MCA . . . . 1 A
Fan Motor . . . . 0.54 F.L.A.
Fan Motor Output . . . . 95 W
Airflow (Lo - Mid1 - Mid2 - Hi) . . . . . 565 - 600 - 635 - 705 Dry CFM
530 - 565 - 600 - 670 Wet CFM
Air Filter . . . . Polypropylene Honeycomb
Sound Pressure Level (Lo - Mid1 - Mid2 - Hi) . . . . 35 - 37 - 39 - 41 dB(A)
SHF 0.69
Moisture Removal . . . . 8.3 pt./h

DIMENSIONS	UNIT INCHES / MM
W	50-3/8 / 1,280
D	26-3/4 / 680
H	9-1/16 / 230

Weight . . . . 71 lbs. / 32 kg
External Finish . . . . Munsell No. 6.4Y 8.9 / 0.4
Field Drainpipe Size O.D. . . . . 1-1/16" / 26 mm

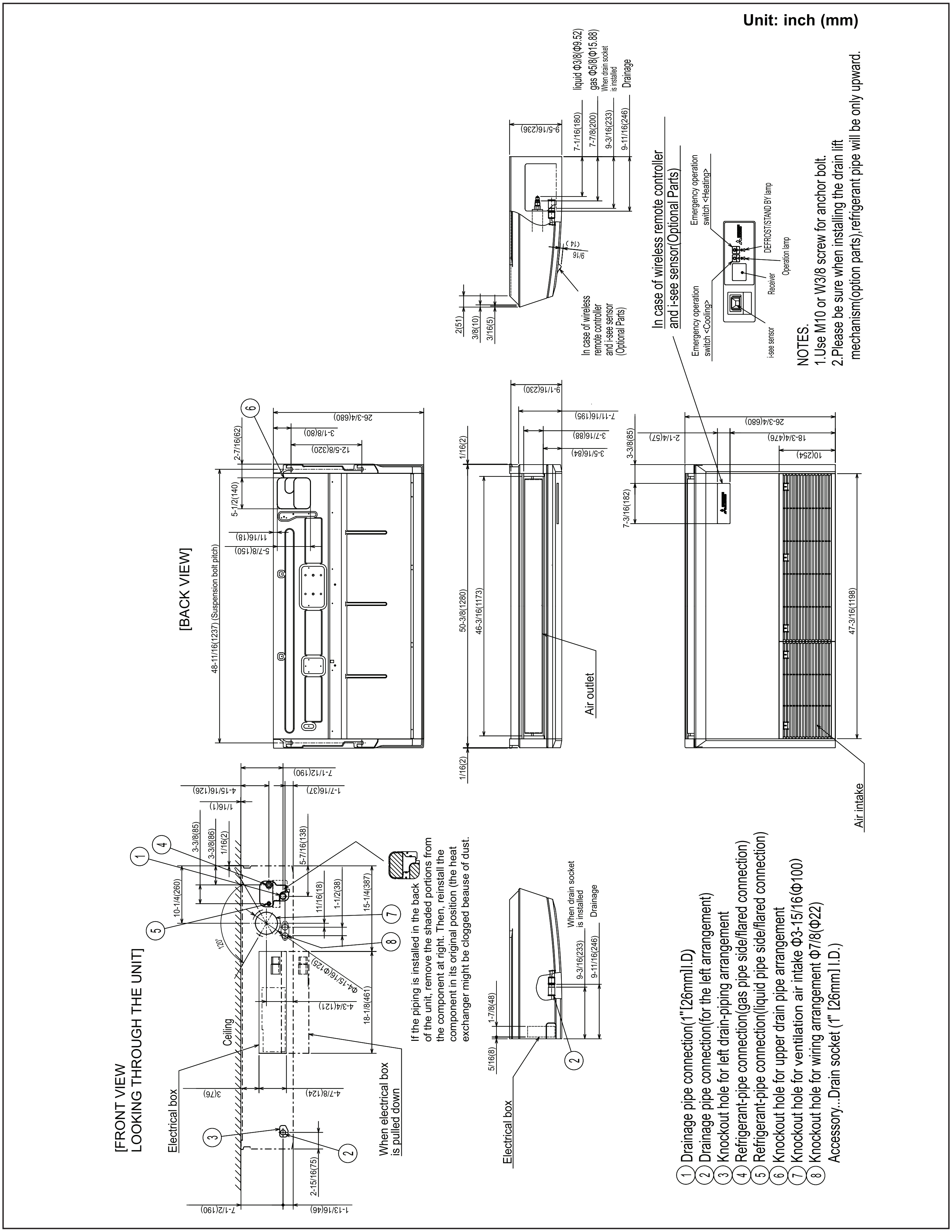
Outdoor Unit
Compressor . . . . DC Inverter-driven Twin Rotary
MCA . . . . 25 A
MOCP . . . . 40 A
Fan Motor . . . . 0.75 F.L.A.
Sound Pressure Level
Cooling . . . . 48 dB(A)
Heating . . . . 50 dB(A)

DIMENSIONS	INCHES / MM
W	37-3/8 / 950
D	13 + 1-3/16 / 330 + 30
H	37-1/8 / 943

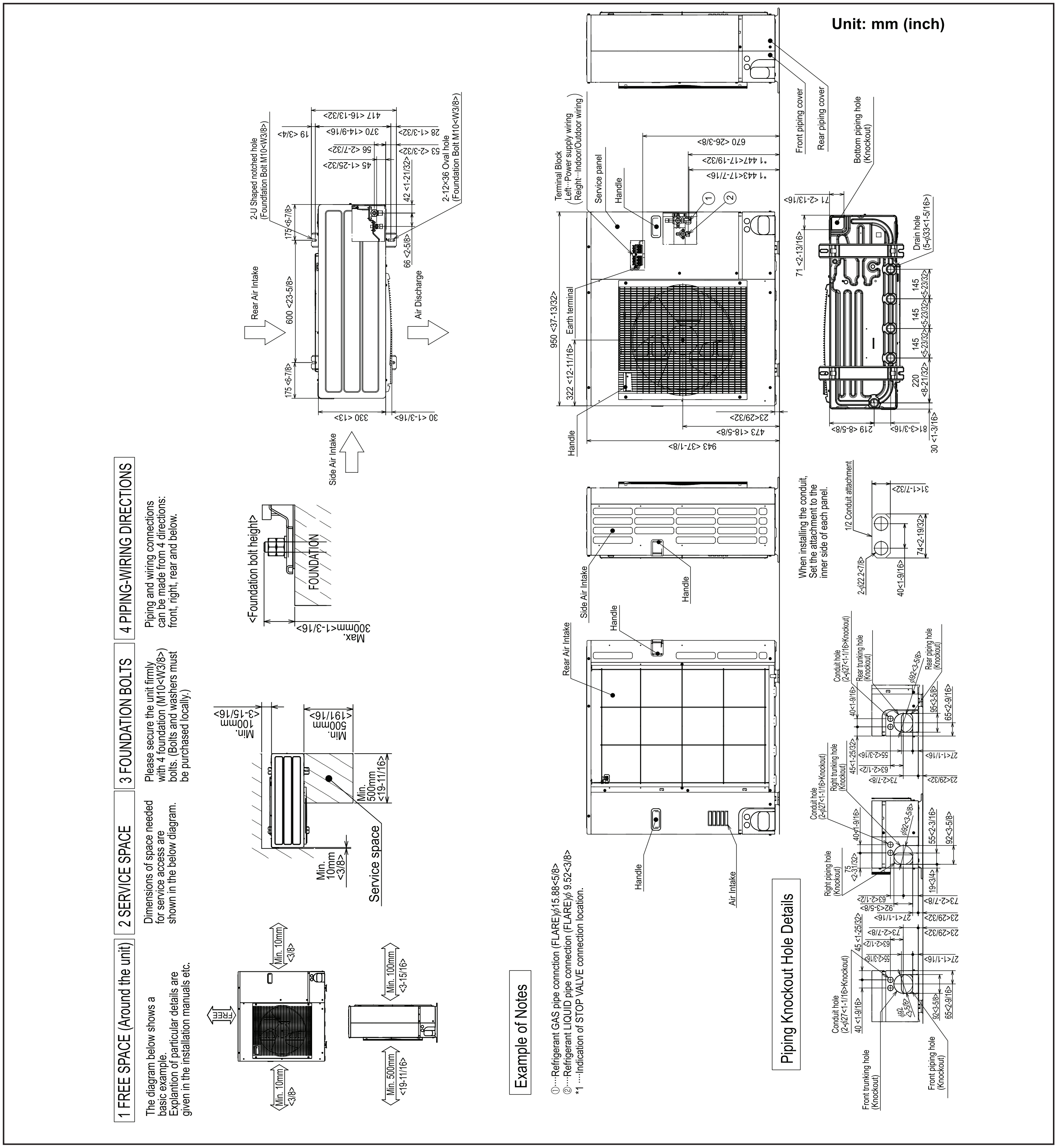
Weight . . . . 165 lbs. / 75 kg
External Finish . . . . Munsell No. 3Y 7.8 / 1.1
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side . . . . 5/8" / 15.88 mm
Liquid Side . . . . 3/8" / 9.52 mm
Max. Refrigerant Pipe Length . . . . 165' / 50 m
Max. Refrigerant Pipe Height Difference . . . . 100' / 30 m
Connection Method . . . . Flared

R410A INVERTER

DIMENSIONS: PCA-A30KA4



DIMENSIONS: PUZ-A30NHA4



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Specifications are subject to change without notice.

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